

## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in this application.

### Listing of claims:

1. (Currently amended) A method for separation of  $\alpha$ -penta-O-galloyl-D-glucose (PGG) from a mixture of  $\alpha$ -PGG and  $\beta$ -PGG comprising the steps of:
  - a) adding water to a PGG mixture containing 50% or more  $\alpha$ -PGG and 50% or less  $\beta$ -PGG;
  - b) mixing the PGG and water to dissolve the PGG; and
  - c) ~~filtering out any undissolved particles; and~~
  - d) allowing the filtered solution to stand undisturbed until crystals formwherein the crystals comprise the  $\alpha$ -PGG.
2. (Original) The method of claim 1 wherein double distilled water is used in step (a).
3. (Original) The method of claim 1 wherein the water to PGG ratio is about 20 mL of water for about 1 g of PGG.
4. (Original) The method of claim 1 wherein the mixing step is done for about 5 minutes.
5. (Currently amended) The method of claim 1 wherein the mixing step is done at a temperature greater than ~~30~~ 20°C.
6. (Original) The method of claim 5 wherein the mixing step is done at 80°C.
7. (Currently amended) The method of claim 30 [[1]] wherein the filtering step is done using a 45  $\mu$ m filter.

8. (Currently amended) The method of claim 1 wherein the filtered solution of step (c) ~~(d)~~ is allowed to stand at a temperature lower than 30 20°C.

9-11. (Canceled)

12. (Previously presented) The method of claim 1 wherein the purity of the  $\alpha$ -PGG is 95% or greater.

13. (Currently amended) A method for separation of  $\beta$ -PGG from a mixture of  $\alpha$ -PGG and  $\beta$ -PGG comprising the steps of

- a) adding acetone to a mixture of PGG containing 50% or more  $\beta$ -PGG and 50% or less  $\alpha$ -PGG;
- b) mixing the PGG and acetone to dissolve the PGG; and
- c) ~~filtering out any undissolved particles; and~~
- ~~d) allowing the filtered solution to stand undisturbed until crystals form~~

wherein the crystals comprise the  $\beta$ -PGG.

14. (Original) The method of claim 13 wherein the acetone is added to the PGG at a ratio of about 5 mL acetone for about 1 g PGG.

15. (Original) The method of claim 13 wherein the mixing in mixing in step (b) is done for about 5 minutes.

16. (Currently amended) The method of claim 13 wherein the mixing step (b) may be done at a temperature greater than 30 20°C.

17. (Original) The method of claim 16 wherein the mixing step (b) is carried out at 80°C.

18. (Currently amended) The method of claim 31 ~~43~~ wherein the filtering step ~~(e)~~ is done through filter paper.

19. (Currently amended) The method of claim 13 wherein step (c) ~~(d)~~ is done at a temperature lower than ~~30~~ 20°C.

20-22. (Canceled)

23. (Previously presented) The method of claim 13 wherein the purity of the  $\alpha$ -PGG is 95% or greater.

24. (Previously presented) A method for preparing single crystal  $\alpha$ -PGG comprising the steps of:

- a) adding water to a sample of  $\alpha$ -PGG having a purity of 95% or greater;
- b) mixing the  $\alpha$ -PGG and water to dissolve the  $\alpha$ -PGG;
- c) filtering out any undissolved particles and placing the filtered solution in a clean vessel; and
- d) maintaining the filtered solution undisturbed until  $\alpha$ -PGG crystals appear.

25. (Original) The method of claim 24 wherein the water is added to the  $\alpha$ -PGG at a ratio of about 100 mL of water for about 1.0 g  $\alpha$ -PGG.

26. (Original) The method of claim 24 wherein step (d) is carried out for about 15 days.

27. (Previously presented) A method for preparing single crystal  $\beta$ -PGG comprising the steps of

- a) adding acetone to a sample of  $\beta$ -PGG having a purity of 95% or greater;
- b) mixing the  $\beta$ -PGG and acetone to dissolve the  $\beta$ -PGG;
- c) filtering out any undissolved particles, placing the filtered solution in a clean vessel; and
- d) maintaining the filtered solution undisturbed until crystals appear.

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28. (Original) The method of claim 27 wherein ratio of acetone to PGG is about 50 mL of acetone per about 1.0 g  $\beta$ -PGG.

29. (Original) The method of claim 27 wherein step (d) is carried out for about 20 days.

30. (New) The method of claim 1 further comprising a step of filtering out any undissolved particles.

31. (New) The method of claim 13 further comprising a step of filtering out any undissolved particles.